

# UNAPPROVED PARTS NOTIFICATION

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVS-20  
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U.S. Department  
of Transportation

**Federal Aviation  
Administration**

No. 2006-00051  
April 27, 2006

<http://www.faa.gov/aircraft/safety/programs/sups/upn/>

Mailed by FAA AIR-140, P O Box 26460, Oklahoma City OK 73125

## AFFECTED PARTS

Scintilla (Bendix) magnetos.

## PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors regarding improper maintenance performed on Scintilla (Bendix) magnetos, model D9LN-2.

## BACKGROUND

Information received during a Federal Aviation Administration (FAA) suspected unapproved parts investigation revealed that C.P. Aero Accessory (C.P. Aero), located at 1452 Gracephil Lane, Paradise, CA 95969, improperly maintained and returned to service Scintilla (Bendix) magnetos. C.P. Aero previously held Air Agency Certificate No. OJ3R738L with Accessory Class 1 and 2 ratings.

Evidence indicated that C.P. Aero approved for return to service magnetos that were not overhauled in accordance with the current manufacturer's maintenance manuals. Specifically, C.P. Aero failed to replace bearings, seals, oil slingers, and carbon brushes with new parts during overhaul. Additionally, replacement parts that were installed during overhaul lacked traceability. The affected magnetos were either sold as spare parts or installed on engines.

The table below presents a *partial list* of magnetos that C.P. Aero approved for return to service.

Work Order Number	Return-to-Service Approval Date	Accessory Name	Manufacturer	Assembly Model Number	Assembly Serial Number
2568	3/17/2004	Magneto	Scintilla (Bendix)	D9LN-2	6969
197	9/27/2005	Magneto	Scintilla (Bendix)	D9LN-2	6969
0004	10/13/2004	Magneto	Scintilla (Bendix)	D9LN-2	02356

## **RECOMMENDATIONS**

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors should inspect their aircraft, aircraft records, and/or parts inventories for any magnetos approved for return to service by C.P. Aero. If any referenced magnetos have been installed on aircraft, appropriate action should be taken. If any are found in existing aircraft stock, it is recommended that the magnetos be quarantined to prevent installation until a determination can be made regarding their eligibility for installation.

The FAA has been unable to determine the various types of accessories improperly maintained by C.P. Aero, and therefore recommends inspecting any magneto, starter, generator, tachometer generator, alternator, propeller governor, fuel pump, voltage regulator, reverse-current relay, hydraulic pump, actuator, vacuum pump, relay, or valve that C.P. Aero maintained between 2004 and 2006.

## **FURTHER INFORMATION**

Further information concerning this investigation and guidance regarding the above-referenced parts can be obtained from the FAA Flight Standards District Office (FSDO) shown below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above-referenced parts, the means used to identify the source, and the action taken to remove the parts from aircraft and/or stock.

This notice originated from the FAA Sacramento FSDO, 6650 Belleau Wood Lane, Sacramento, CA 95822, telephone (916) 422-0272, fax (916) 422-0462; and was published through the FAA Suspected Unapproved Parts Program Office, AVS-20, telephone (703) 668-3720, fax (703) 481-3002.